

Supply Chain 2011

5th Annual NASA Supply Chain Quality Assurance Conference
October 18 – 20, 2011

NASA Goddard Space Flight Center (GSFC)
Greenbelt, MD

Conference Theme: Managing Risks to Assure Mission Success

October 18th: Plenary Session (Building 3 Goett Auditorium)

- 7:00am Visitor Badging (GSFC Visitor Center/Building 88) and Conference Check-In (Building 3 Goett Auditorium)
- 8:30am Welcome to GSFC from the Conference Co-Chairs
- *Judith N. Bruner, Director, Safety and Mission Assurance Directorate, NASA GSFC*
- *George W. Morrow, Director, Flight Projects Directorate, NASA GSFC*
- 8:45am Conference Overview
Dave Campbell, Deputy Chief, Institutional Support Office, Safety and Mission Assurance Directorate, NASA GSFC
- 8:55am Goddard's Outlook
Dennis J. Andrucyk, Director, Applied Engineering and Technology Directorate, NASA GSFC
- 9:25am Managing Mission Risks
Michael Ryschkewitsch, NASA Chief Engineer
- 10:10am Networking Break / Refreshments
- 10:30am The New Iron Triangle: Risk, Process, and Judgment
John C. Sommerer, Head, Space Department, Applied Physics Laboratory, The Johns Hopkins University
- 11:20am Developing the Magnetospheric Multiscale (MMS) Mission Spacecraft Fleet
- *Craig Tooley, MMS Project Manager, Flight Projects Directorate, NASA GSFC*
- *Brent Robertson, MMS Deputy Project Manager, Flight Projects Directorate, NASA GSFC*
- *John Blackwood, MMS Chief Safety and Mission Assurance Officer, Safety and Mission Assurance Directorate, NASA GSFC*
- 12:10pm Lunch Break (see listing of local lunch options)

October 18th: Dual Track (A/B) Sessions

Track A (Building 8 Auditorium)

- 1:25pm Instrument Suite Development for the Magnetospheric Multiscale (MMS) Mission
- *Thomas Trbovich, Director, Institute Quality Systems, Southwest Research Institute*
 - *Joerg Gerhardus, Manager, Program Quality Engineering, Southwest Research Institute*
 - *Ronald Black, Program Director, Space Science and Engineering Division, Southwest Research Institute*
- 2:10pm Moving Innovative Product into NASA Mission Projects
Carlos M. Grodsinsky, Vice President – Technology, ZIN Technologies, Inc.
- 2:45pm Supply Chain Strategies and Practices for Volatile Conditions
Lisa H. Harrington, President, lharrington group and Senior Research Fellow / Adjunct Professor at the Supply Chain Management Center, Robert .H. Smith School of Business, University of Maryland
- 3:25pm Networking Break / Refreshments (Building 8 Auditorium)
- 3:45pm Workmanship Risks: Reworking Printed Circuit Board (PCB) Solder Joints
- *Jeannette Plante, Manager, NASA Workmanship Standards Program, Safety and Mission Assurance Directorate, NASA GSFC*
 - *Beth Paquette, Electronic Packaging Engineer, Electrical Engineering Division, Applied Engineering and Technology Directorate, NASA GSFC*
- 4:25pm Speed Networking and Showcase (Building 8 Auditorium)
- *Speed Networking activity, facilitated by Jeannette Plante, NASA GSFC*
 - *Showcase tables and Conference Sponsor displays*

Track B (Building 3 Goett Auditorium)

- 1:25pm GSFC Supplier Assessment Program
Jonathan Root, Senior Supply Chain Manager, Institutional Support Office, Safety and Mission Assurance Directorate, NASA GSFC

- 2:10pm Panel Session: The Supplier Assessment Experience
Facilitator: *Louis Thomas, Senior Supply Chain Manager
Institutional Support Office, Safety and Mission Assurance
Directorate, NASA GSFC*
Panelists:
- *Joe Grote, General Manager, CDA Intercorp, LLC.*
- *Forrest Reed, Director of Quality, EaglePicher Technologies,
LLC*
- *Steve Ogg, Director, Assessments & Audits, Raytheon Space &
Airborne Systems*
- 3:25pm Networking Break / Refreshments (Building 3 Auditorium)
- 3:45pm GSFC Supplier Assessments: Mitigating Risks through Corrective
Action
- *Charlie Robinson, Lead Auditor, NASA Audits, Assessments,
and Assurance (A3) Services*
- *Brenda Brunello, Lead Auditor, NASA Audits, Assessments, and
Assurance (A3) Services*
- 4:25pm Go to Building 8 Auditorium for Speed Networking and Showcase
Session

October 18th: Evening

- 5:30pm Space Industry Supplier Social (Building 8 Auditorium)
*Hosted by ManTech International, Honeywell Technology
Solutions Inc., and Millennium Engineering and Integration
Company.*

October 19th : Plenary Session (Building 3 Goett Auditorium)

- 8:15am Today's Agenda
Jonathan Root, Senior Supply Chain Manager, Institutional Support Office, Safety and Mission Assurance Directorate, NASA GSFC
- 8:25am Panel Session: NASA's Approach to Integrated Risk Management
- *Michael G. Stamatelatos, Director, Safety and Assurance Division, Office of Safety and Mission Assurance, NASA Headquarters*
- *Natesan ("Nat") Jambulingam, Integrated Risk Manager, NASA GSFC*
- *Anthony Diventi, Chief, Reliability and Risk Analysis Branch, Safety and Mission Assurance Directorate, NASA GSFC*
- *Gerald ("Jerry") A. Klein, Jr., Senior Project Staff Engineer, Stinger Ghaffarian Technologies (SGT), Inc. and Risk Manager for the Joint Polar Satellite System (JPSS) Program, NASA GSFC*
- 9:45am Networking Break / Refreshments
- 10:05am Engineering a Successful Mission: Lessons from the Lunar Reconnaissance Orbiter (LRO) Project
David Everett, Mission Systems Engineer, Mission Systems Engineering Branch, Applied Engineering and Technology Directorate, NASA GSFC
- 10:35am Reducing Risks in Sunshield Development for the James Webb Space Telescope
Greg Laue, Director, Aerospace Products, NeXolve, ManTech International Corporation
- 11:05pm NASA Supply Chain Network Survey Results
Jason Bolton, Trade and Industry Analyst, Industrial Studies, Office of Technology Evaluation, U.S. Department of Commerce
- 11:35am Assessing Supply Chain and Industrial Base Risks
- *Sue Baker, Principal, Supply Chain and Logistics Team, Booz Allen Hamilton, Inc.*
- *Dustin Elliot, Lead Associate, Industrial Base Assessment, Booz Allen Hamilton, Inc.*
- 12:10pm Lunch Break (see listing of local lunch options)

October 19th: Dual Track (A/B) Sessions

Track A (Building 8 Auditorium)

- 1:25pm Case Study: CALIPSO Propulsion Safety Launch Decision
- *Bo Lewis, Branch Chief, Systems Safety Branch, Safety and Mission Assurance Directorate, NASA GSFC*
- *Edward Rogers, Chief Knowledge Officer, NASA GSFC*
- 2:25pm GSFC Supplier Surveillance
- *Michael Kelly, Deputy Chief, Mission Support Division, Safety and Mission Assurance Directorate, NASA GSFC*
- *Olga Ceritelli, Program Manager, NASA Audits, Assessments and Assurance Services (A3), Honeywell Technology Solutions, Inc.*
- 3:30pm Networking Break / Refreshments (Building 3 Auditorium)

Track B (Building 3 Goett Auditorium)

- 1:25pm Strategic Intent of the AS9100C Standard for Quality Management Systems
Vince May, Chair, Registration Management Committee, Americas Aerospace Quality Group
- 2:00pm Lessons Learned in Transitioning to the AS9100C Standard
Dan Berry, Director, Quality Management Resources, Ball Aerospace & Technologies Corporation
- 2:45pm Fostering Collaborative Communities for Mission Success
Raj Datta, Independent Consultant/Advisor, former Chief Knowledge Officer of MindTree
- 3:30pm Networking Break / Refreshments (Building 3 Auditorium)

Concluding Plenary Session (Building 3 Auditorium)

- 3:50pm Risk Management in Big Organizations
Piers Sellers, NASA Astronaut; Deputy Director, Sciences and Exploration Directorate, NASA GSFC
- 4:35pm Closing Remarks
- 5:00pm Adjourn Conference
- 5:30pm NASA Audit Management Team (NAMT)
Open meeting chaired by Paul Boldon, Program Executive, Audits, Assessments and Assurance Services, NASA Safety Center / NASA Headquarters, Building 8, Room N303, Management Conference Center

October 20th

Seminars, Tour and Workshop

- 8:30am to 12:15pm Seminar: Engineering Conversations for Action
*Dan Berry, Director, Quality Management Resources, Ball Aerospace & Technologies Corporation
Building 28, Room E210
Refreshments sponsored by Ball Aerospace & Technologies Corporation*
- 8:30am to 12:15pm Seminar: Strategic Process Management and the Transition to the AS9100C Standard for Quality Management
*Claes Berlin, Claes BERLIN Process Management AB, Senior Lecturer at the University of Borås in Sweden, and Executive MBA Program Director at the Stockholm School of Economics in Russia
Building 8 Auditorium*
- 9:00am to noon Guided tour of GSFC's Visitor Center and facilities.
*Charles Kim of the GSFC Supply Chain Management Team is the tour leader
Tour begins at the Visitor Center (Building 88)*
- 1:30pm to 2:30pm NASA Case Study Workshop: Procurement of Mechanical Systems Engineering Services for GSFC
*- Edward Rogers, Chief Knowledge Officer, NASA GSFC
- Kam Ghaffarian, President and COO, Stinger Ghaffarian Technologies (SGT)
Building 8 Auditorium*

Conference refreshments sponsored by ManTech International, Honeywell Technology Solutions Inc., Millennium Engineering and Integration Company, and Orbital Sciences Corporation.